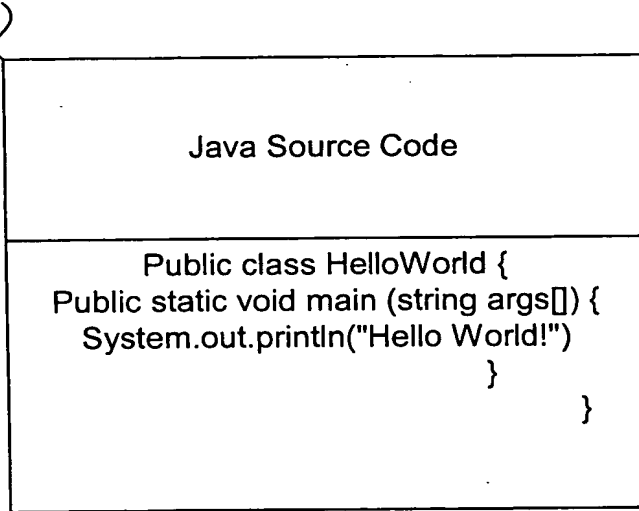
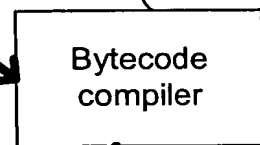


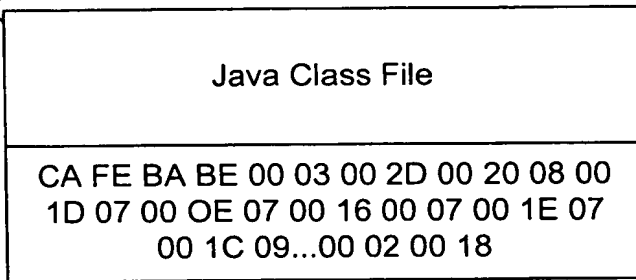
101



103



105



107

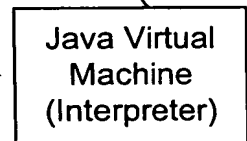


Fig. 1A

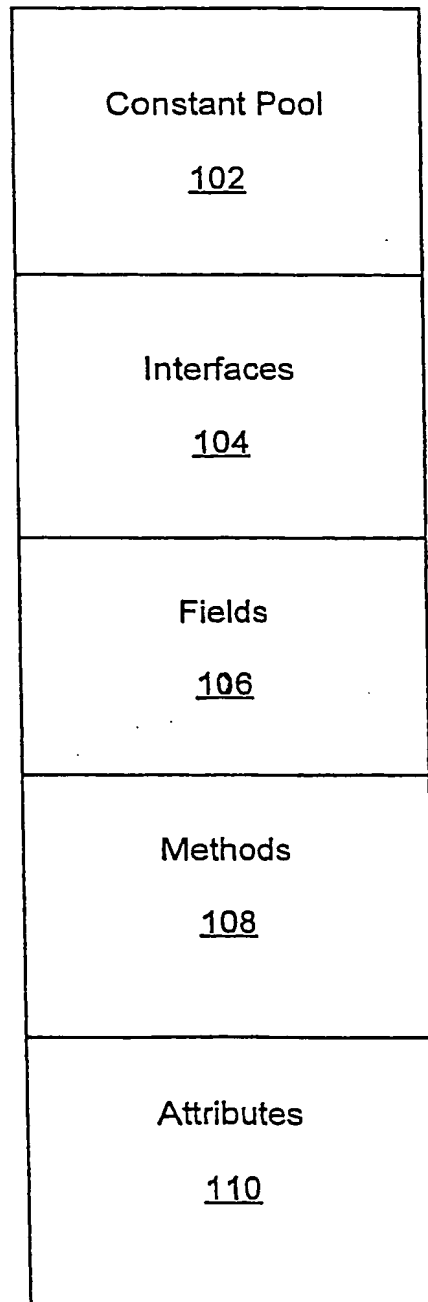


Fig. 1B

09-01-2018

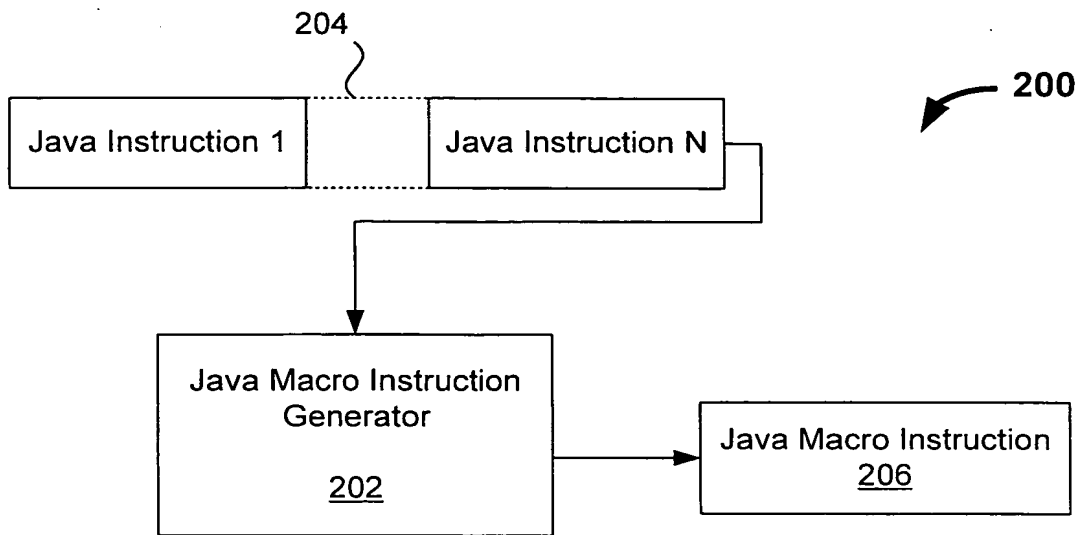


Fig. 2A

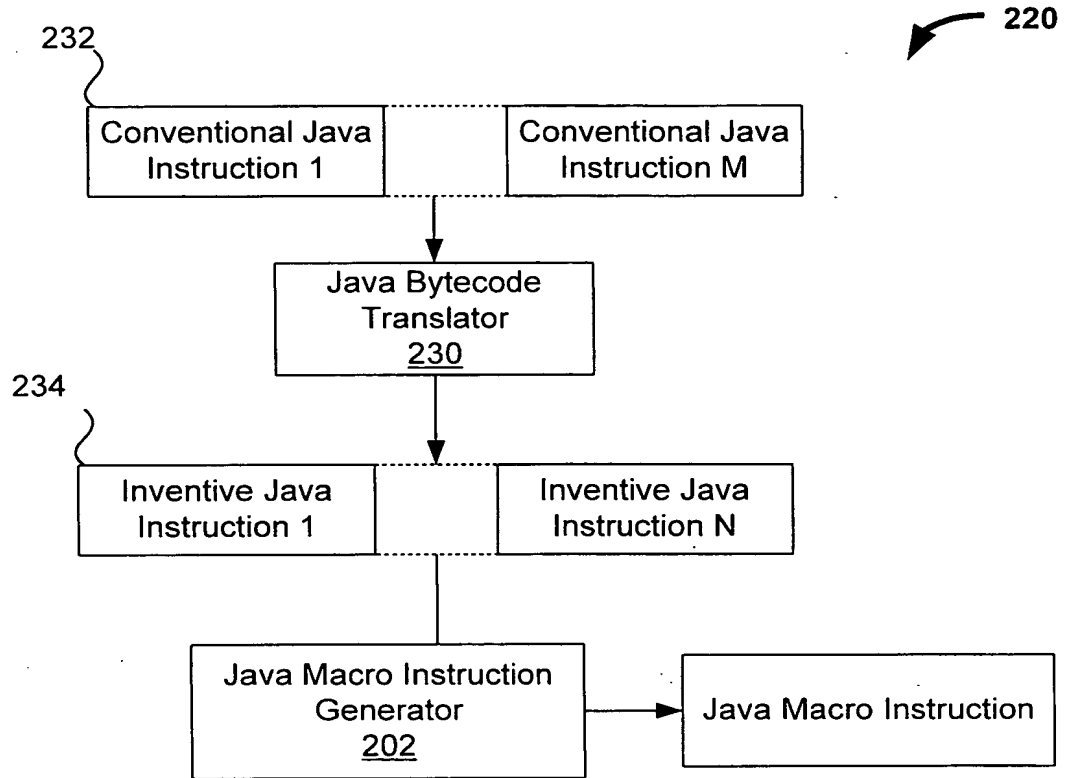


Fig. 2B

20160222

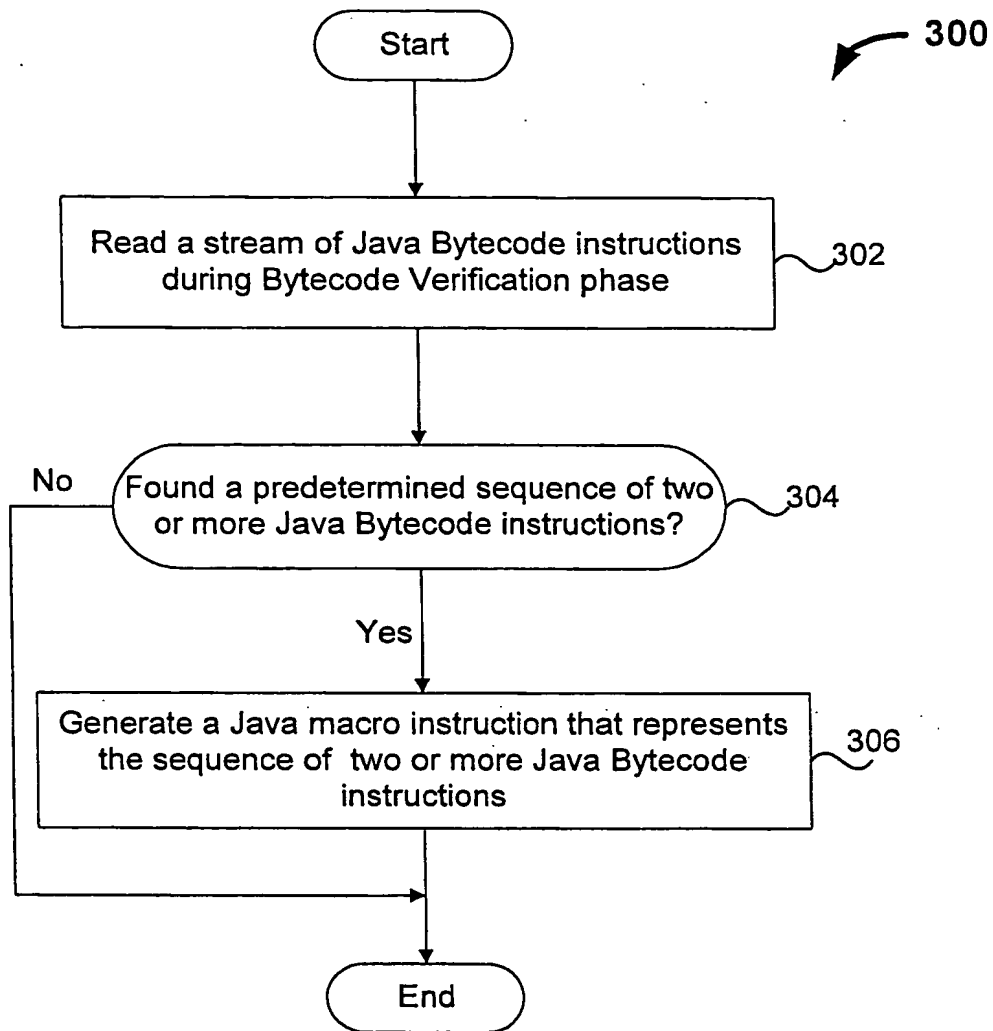


Fig. 3

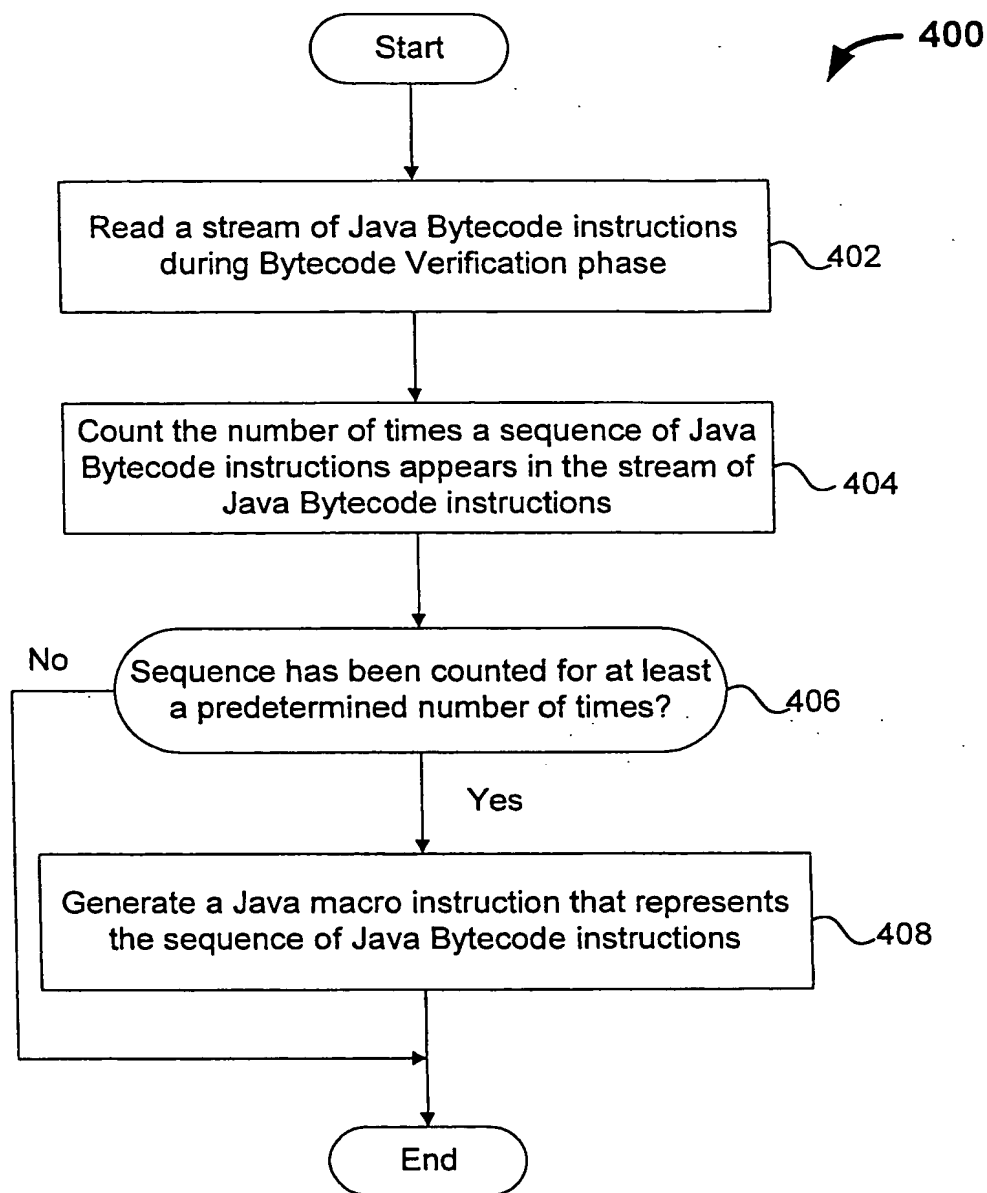


Fig. 4

104280" 2216660

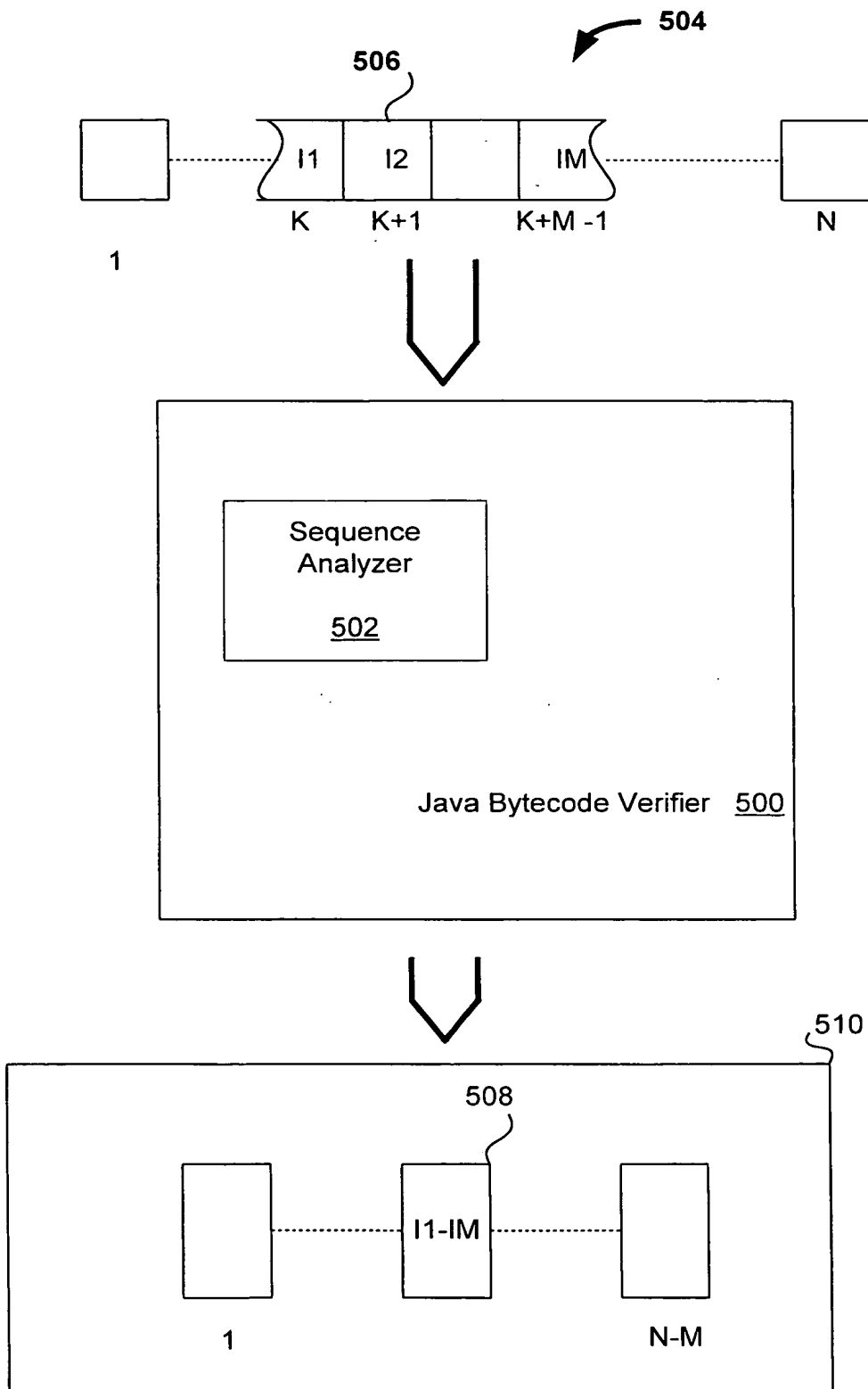


Fig. 5

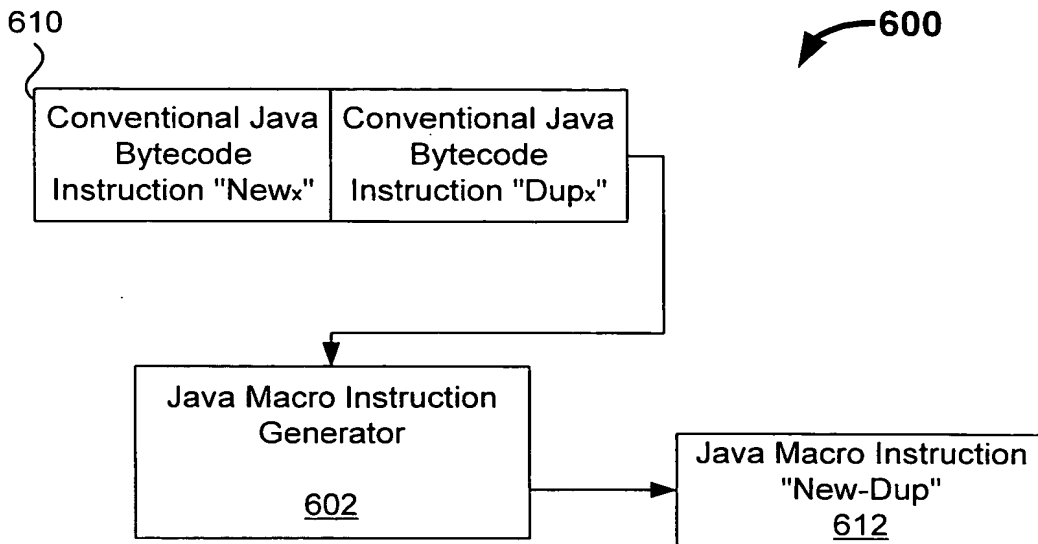


Fig. 6A

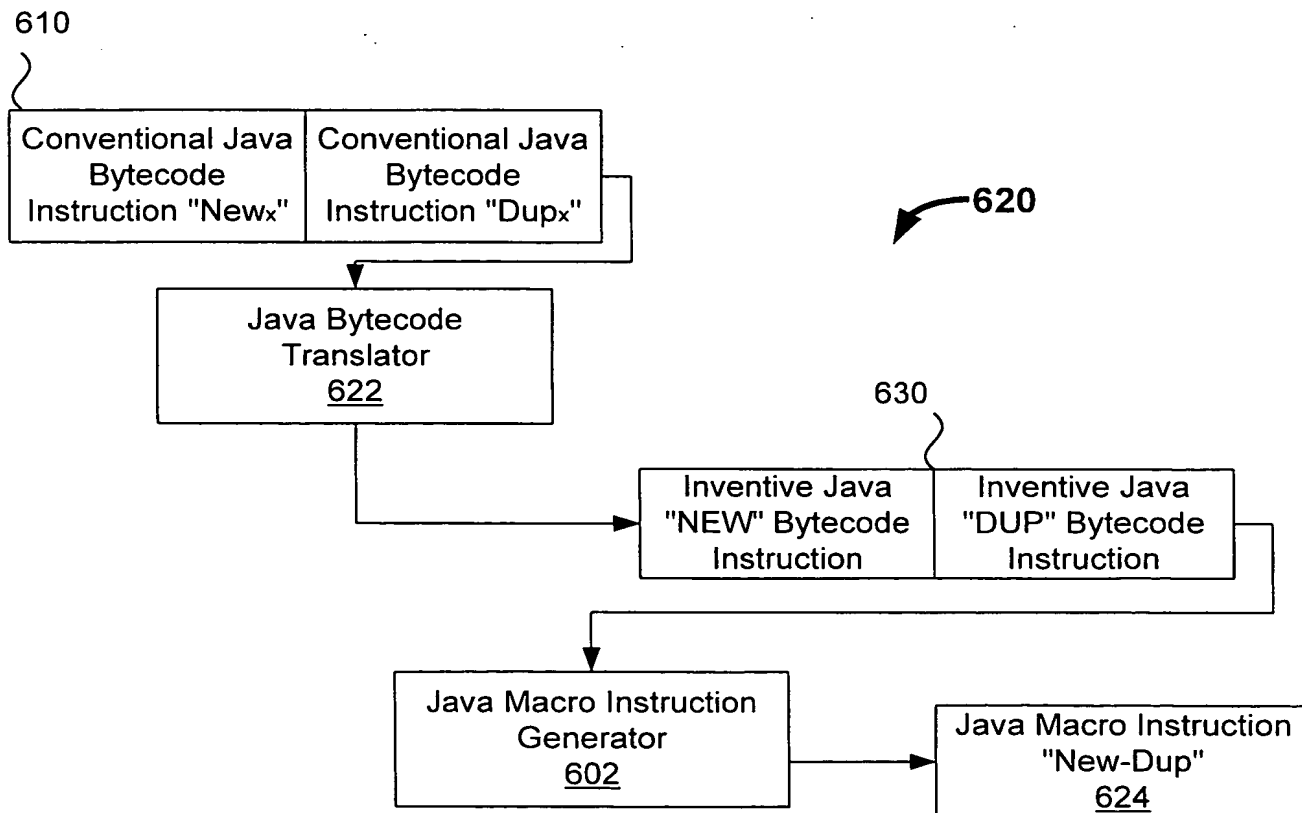


Fig. 6B

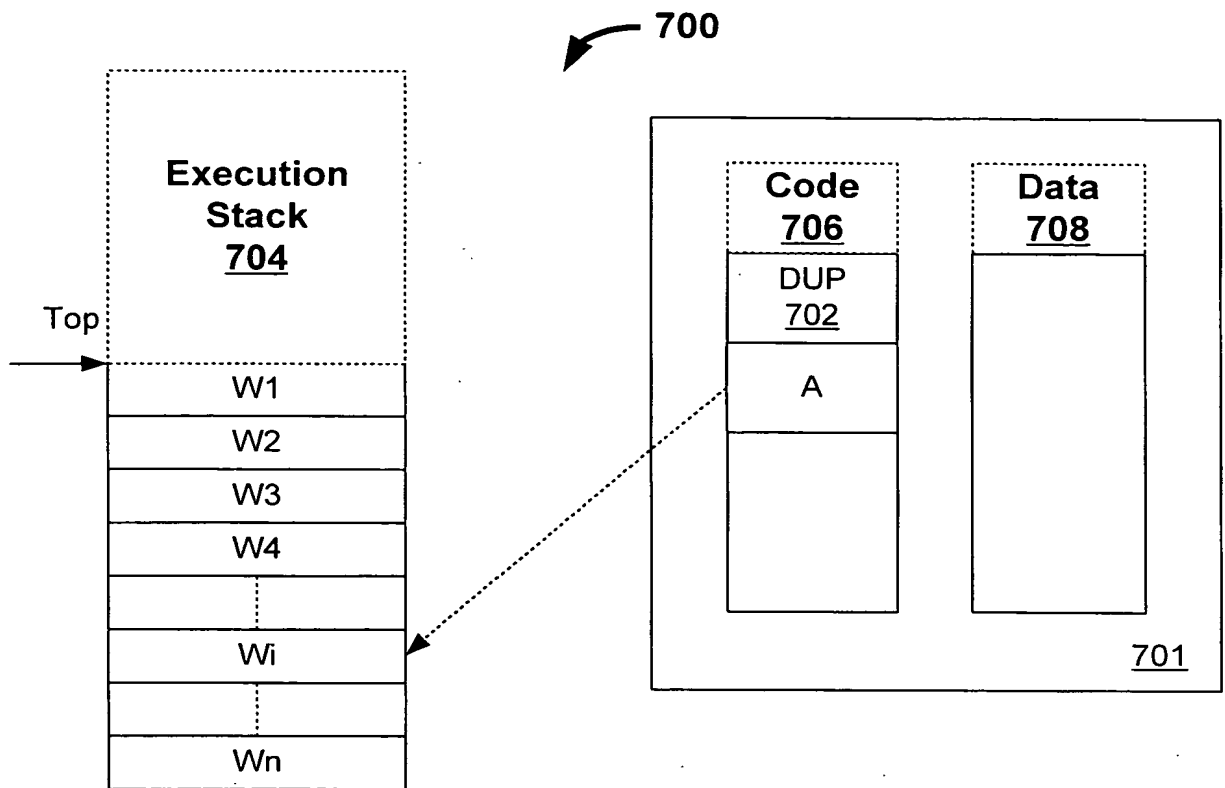


Fig. 7A

DUP

Dup
Dup_x1
Dup_x2

Fig. 7B

DUPL

Dup2
Dup2_x1
Dup2_x2

Fig. 7C

NEW

New
Newarray
Anewarray
Multianewarray

Fig. 8

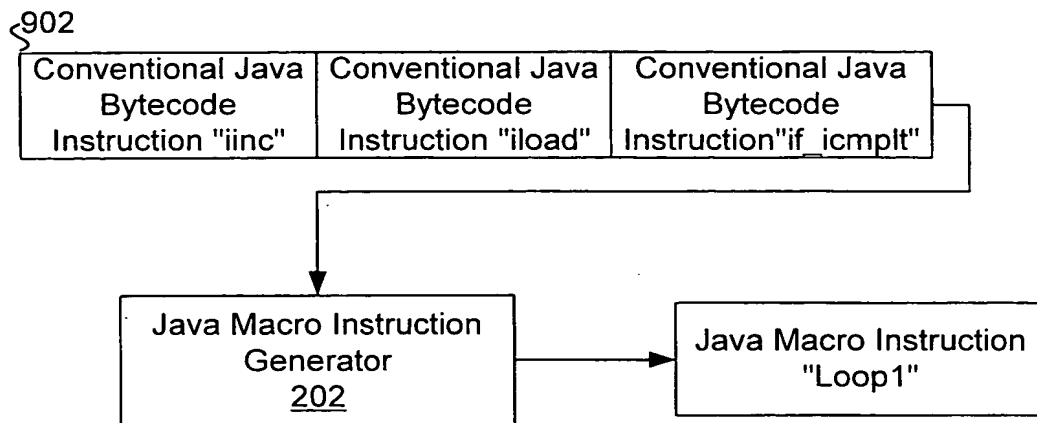


Fig. 9A

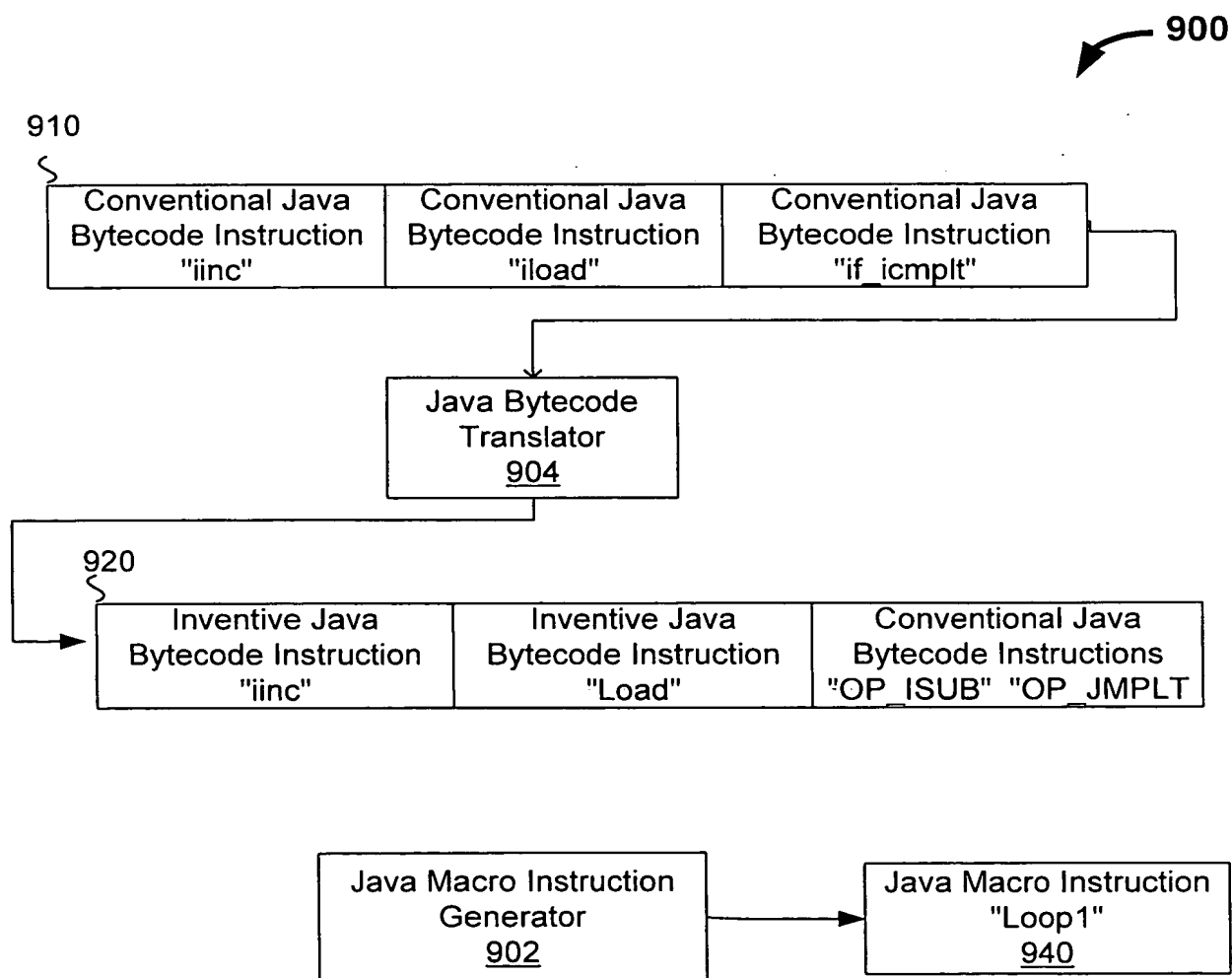


Fig. 9B

44-38861-1000

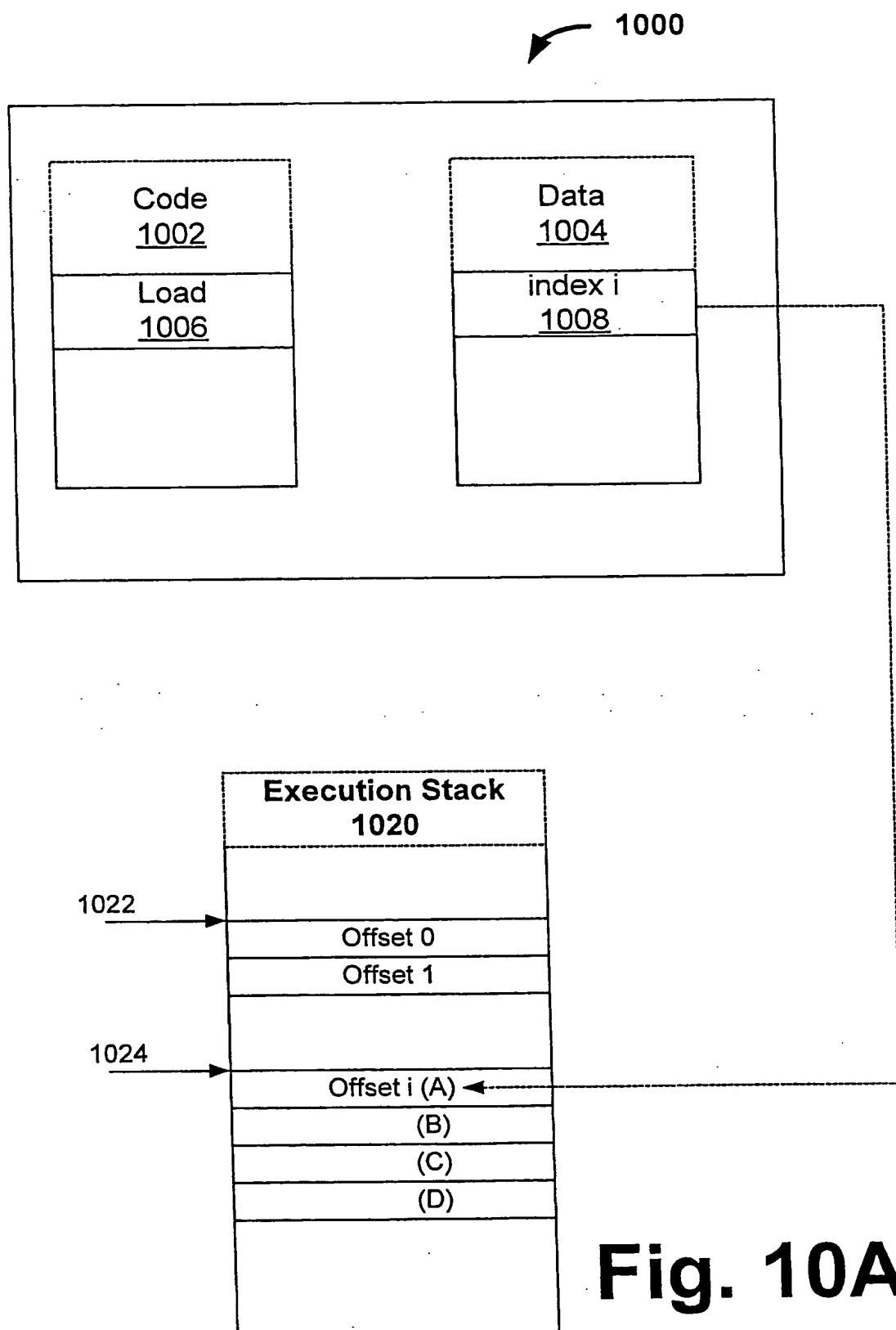


Fig. 10A

104230-2276260

LOAD

iload
fload
aload
iload_0
iload_1
iload_2
iload_3
fload_1
fload_2
fload_3
aload_0
aload_1
aload_2
aload_3

Fig. 10B

LOADL

lload
dload
lload_0
lload_1
lload_2
lload_3
fload_0
dload_0
dload_1
dload_2
dload_3

Fig. 10C

lcmp	OP_LSUB, OP_JMPEQ
fcmpl	OP_FSUB, OP_JMPLE
fcmpg	OP_FSUB, OP_JMPGE
dcmpl	OP_DCMP, OP_JMPLE
dcmpg	OP_DCMP, OP_JMPGE

Fig. 11A

if_icmpeq	OP_ISUB, OP_JMPEQ
if_icmpne	OP_ISUB, OP_JMPNE
if_icmplt	OP_ISUB, OP_JMPLT
if_icmpge	OP_ISUB, OP_JMPGE
if_icmpgt	OP_ISUB, OP_JMPGT
if_icmple	OP_ISUB, OP_JMPLE
if_acmpeq	OP_ISUB, OP_JMPEQ
if_acmpne	OP_ISUB, OP_JMPNE

Fig. 11B

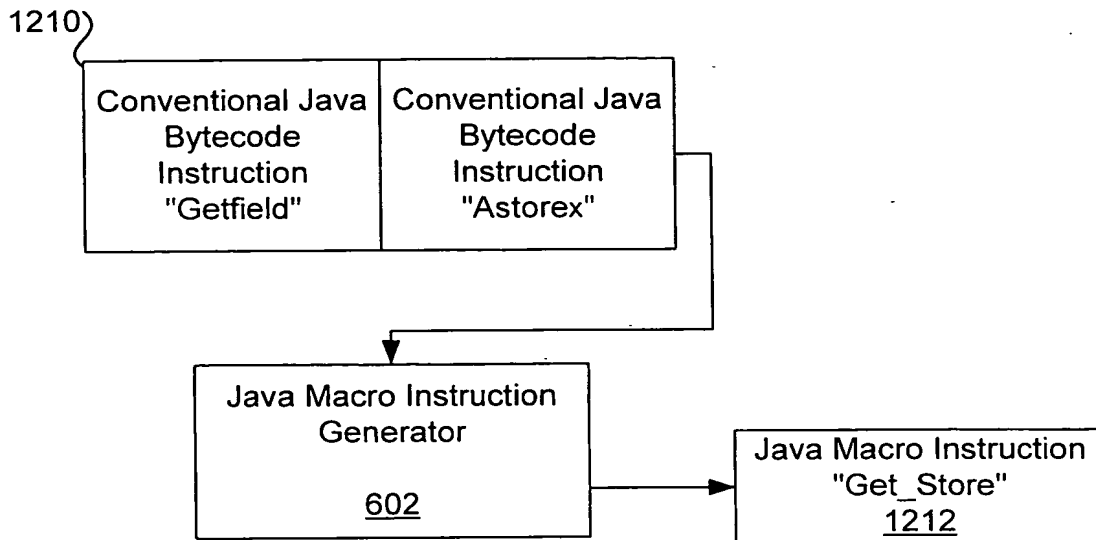


Fig. 12A

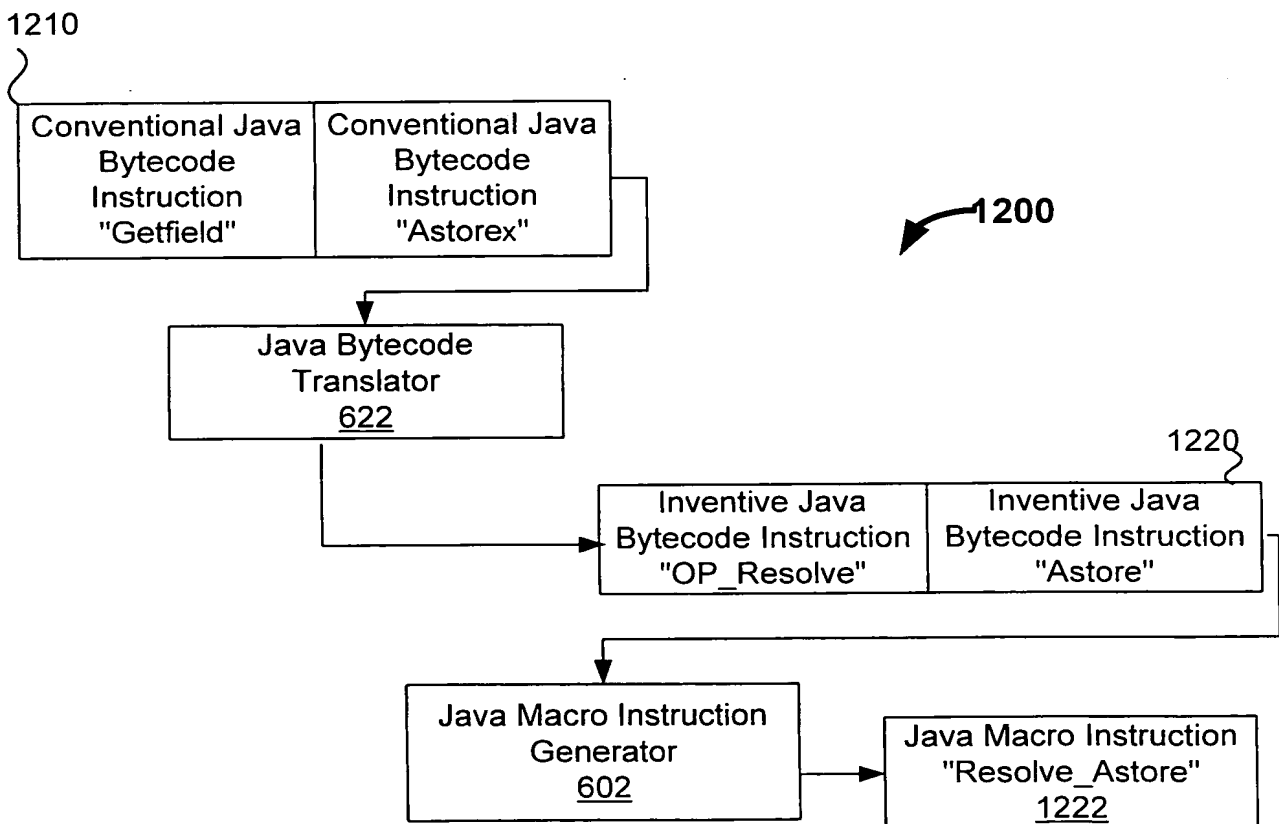


Fig. 12B

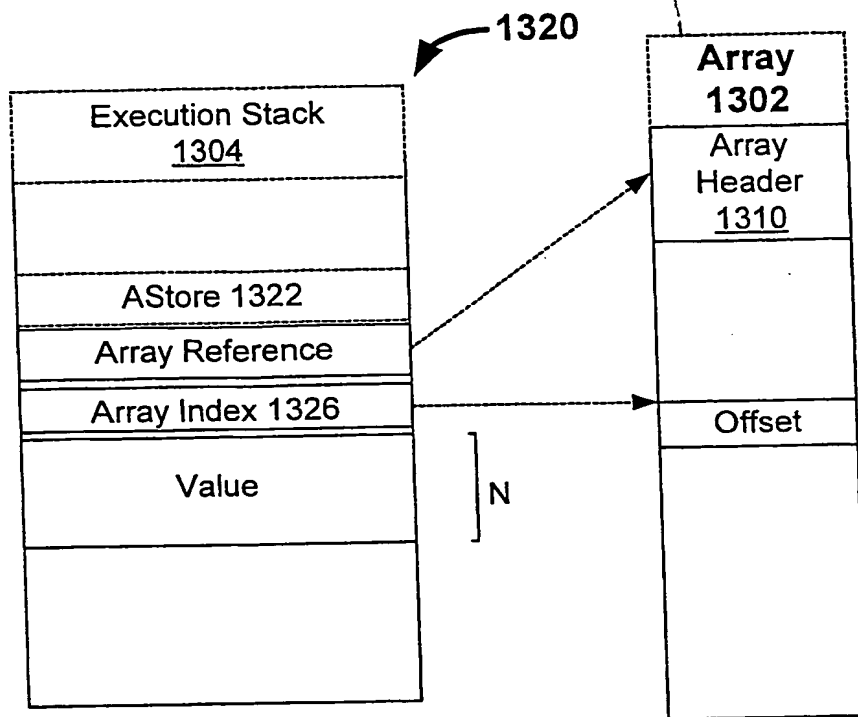


Fig. 13A

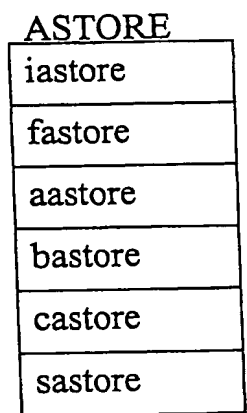


Fig. 13B

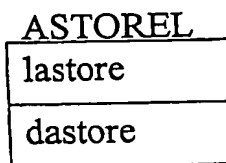


Fig. 13C